

1600

RAW SEQUENCE LISTING

DATE: 10/16/2001

PATENT APPLICATION: US/09/486,247A

TIME: 12:44:34

Input Set : A:\8484-081-999.txt

Output Set: N:\CRF3\10162001\I486247A.raw

C--> 5 <110> APPLICANT: DEAR, TERENCE N
7 BOEHM, THOMAS
11 <120> TITLE OF INVENTION: PROTEASE-RELATED PROTEIN
15 <130> FILE REFERENCE: 8484-081-999
19 <140> CURRENT APPLICATION NUMBER: 09/486,247A
21 <141> CURRENT FILING DATE: 2000-02-18
23 <150> PRIOR APPLICATION NUMBER: DE 197 36 198.6
24 <151> PRIOR FILING DATE: 1997-08-20
27 <160> NUMBER OF SEQ ID NOS: 8
31 <170> SOFTWARE: PatentIn version 3.1
35 <210> SEQ ID NO: 1
37 <211> LENGTH: 822
39 <212> TYPE: DNA
41 <213> ORGANISM: Mus musculus
44 <220> FEATURE:
46 <221> NAME/KEY: CDS
48 <222> LOCATION: (1)..(822)
53 <400> SEQUENCE: 1

54	tag	gtg	gtg	tca	ttc	ccc	tcc	aac	ctg	agt	gct	ggc	agg	tac	act	gct	48
55	Val	Val	Ser	Phe	Pro	Ser	Asn	Leu	Ser	Ala	Gly	Arg	Tyr	Thr	Ala		
56	1				5				10				15				
62	ggc	cac	cag	cag	atg	ccc	atg	aag	atg	ctg	aca	atg	aag	atg	ctg	gcc	96
63	Gly	His	Gln	Gln	Met	Pro	Met	Lys	Met	Leu	Thr	Met	Lys	Met	Leu	Ala	
64					20				25				30				
66	ctg	tgc	ttg	gtt	ctt	gct	aaa	tca	gcc	tgg	tcg	gag	gaa	cag	gag	aag	144
67	Leu	Cys	Leu	Val	Leu	Ala	Lys	Ser	Ala	Trp	Ser	Glu	Glu	Gln	Glu	Lys	
68					35				40				45				
70	gtg	gtt	cat	gga	ggc	ccg	tgt	ttg	aag	gac	tcc	cac	cct	ttc	cag	gct	192
71	Val	Val	His	Gly	Gly	Pro	Cys	Leu	Lys	Asp	Ser	His	Pro	Phe	Gln	Ala	
72				50				55				60					
74	gcc	ctc	tac	acc	tca	ggt	cac	ttg	ctg	tgt	ggt	ggg	gtc	ctc	att	gac	240
75	Ala	Leu	Tyr	Thr	Ser	Gly	His	Leu	Leu	Cys	Gly	Gly	Val	Leu	Ile	Asp	
76		65				70			75								
78	cca	cag	tgg	gtg	ctg	aca	gct	gcc	cac	tgc	aaa	aaa	ccg	aat	ctg	cag	288
79	Pro	Gln	Trp	Val	Leu	Thr	Ala	Ala	His	Cys	Lys	Lys	Pro	Asn	Leu	Gln	
80	80				85				90				95				
82	gtg	atc	ttg	ggg	aaa	cac	aac	cta	cgg	caa	aca	gag	act	ttc	caa	agg	336
83	Val	Ile	Leu	Gly	Lys	His	Asn	Leu	Arg	Gln	Thr	Glu	Thr	Phe	Gln	Arg	
84				100				105				110					
86	caa	atc	tca	gtg	gac	agg	act	att	gtc	cat	ccc	cgc	tac	aac	cct	gaa	384
87	Gln	Ile	Ser	Val	Asp	Arg	Thr	Ile	Val	His	Pro	Arg	Tyr	Asn	Pro	Glu	
88				115				120				125					
90	acc	cac	gac	aat	gac	atc	atg	atg	gtg	cat	ctg	aaa	aat	cca	gtc	aaa	432
91	Thr	His	Asp	Asn	Asp	Ile	Met	Met	Val	His	Leu	Lys	Asn	Pro	Val	Lys	
92			130				135				140						
94	ttc	tct	aaa	aag	atc	cag	cct	ctg	ccc	ttg	aag	aat	gac	tgc	tct	gag	480
95	Phe	Ser	Lys	Lys	Ile	Gln	Pro	Leu	Pro	Leu	Lys	Asn	Asp	Cys	Ser	Glu	

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96      145      150      155
98 gag aat ccc aac tgc cag atc ctg ggc tgg ggc aag atg gaa aat ggt      528
99 Glu Asn Pro Asn Cys Gln Ile Leu Gly Trp Gly Lys Met Glu Asn Gly
100 160      165      170      175
102 gac ttc cca gat acc att cag tgt gct gat gtc cat ctg gtg ccc cgg      576
103 Asp Phe Pro Asp Thr Ile Gln Cys Ala Asp Val His Leu Val Pro Arg
104      180      185      190
106 gag cag tgt gag cgt gcc tac cct ggc aag atc acc cag agc atg gtg      624
107 Glu Gln Cys Glu Arg Ala Tyr Pro Gly Lys Ile Thr Gln Ser Met Val
108      195      200      205
110 tgc gca ggc gac atg aaa gaa ggc aac gat tcc tgt cag ggt gat tct      672
111 Cys Ala Gly Asp Met Lys Glu Gly Asn Asp Ser Cys Gln Gly Asp Ser
112      210      215      220
114 gga ggt ccc cta gta tgt ggg ggt cgc ctc cga ggg ctc gtg tca tgg      720
115 Gly Gly Pro Leu Val Cys Gly Gly Arg Leu Arg Gly Leu Val Ser Trp
116      225      230      235
119 ggt gac atg ccc tgt gga tca aag gag aag cca gga gtt tac acc gat      768
120 Gly Asp Met Pro Cys Gly Ser Lys Glu Lys Pro Gly Val Tyr Thr Asp
121 240      245      250      255
125 gtc tgc act cat atc aga tgg atc caa aac atc ctc aga aac aag tgg      816
126 Val Cys Thr His Ile Arg Trp Ile Gln Asn Ile Leu Arg Asn Lys Trp
127      260      265      270
129 ctg tga      822
130 Leu
133 <210> SEQ ID NO: 2
135 <211> LENGTH: 272
137 <212> TYPE: PRT
139 <213> ORGANISM: Mus musculus
143 <400> SEQUENCE: 2
145 Val Val Ser Phe Pro Ser Asn Leu Ser Ala Gly Arg Tyr Thr Ala Gly
146 1      5      10      15
149 His Gln Gln Met Pro Met Lys Met Leu Thr Met Lys Met Leu Ala Leu
150      20      25      30
153 Cys Leu Val Leu Ala Lys Ser Ala Trp Ser Glu Glu Gln Glu Lys Val
154      35      40      45
157 Val His Gly Gly Pro Cys Leu Lys Asp Ser His Pro Phe Gln Ala Ala
158      50      55      60
161 Leu Tyr Thr Ser Gly His Leu Leu Cys Gly Gly Val Leu Ile Asp Pro
162 65      70      75      80
165 Gln Trp Val Leu Thr Ala Ala His Cys Lys Lys Pro Asn Leu Gln Val
166      85      90      95
169 Ile Leu Gly Lys His Asn Leu Arg Gln Thr Glu Thr Phe Gln Arg Gln
170      100      105      110
173 Ile Ser Val Asp Arg Thr Ile Val His Pro Arg Tyr Asn Pro Glu Thr
174      115      120      125
178 His Asp Asn Asp Ile Met Met Val His Leu Lys Asn Pro Val Lys Phe
179      130      135      140
183 Ser Lys Lys Ile Gln Pro Leu Pro Leu Lys Asn Asp Cys Ser Glu Glu
184 145      150      155      160

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187 Asn Pro Asn Cys Gln Ile Leu Gly Trp Gly Lys Met Glu Asn Gly Asp
188                               165                               170                               175
192 Phe Pro Asp Thr Ile Gln Cys Ala Asp Val His Leu Val Pro Arg Glu
193                               180                               185                               190
197 Gln Cys Glu Arg Ala Tyr Pro Gly Lys Ile Thr Gln Ser Met Val Cys
198                               195                               200                               205
201 Ala Gly Asp Met Lys Glu Gly Asn Asp Ser Cys Gln Gly Asp Ser Gly
202                               210                               215                               220
205 Gly Pro Leu Val Cys Gly Gly Arg Leu Arg Gly Leu Val Ser Trp Gly
206 225                               230                               235                               240
209 Asp Met Pro Cys Gly Ser Lys Glu Lys Pro Gly Val Tyr Thr Asp Val
210                               245                               250                               255
213 Cys Thr His Ile Arg Trp Ile Gln Asn Ile Leu Arg Asn Lys Trp Leu
214                               260                               265                               270

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217 <210> SEQ ID NO: 3

219 <211> LENGTH: 12

221 <212> TYPE: DNA

223 <213> ORGANISM: Artificial Sequence

225 <220> FEATURE:

227 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor

for

228 representational difference analysis

230 <400> SEQUENCE: 3

231 gatctgcggt ga

12

234 <210> SEQ ID NO: 4

236 <211> LENGTH: 24

238 <212> TYPE: DNA

240 <213> ORGANISM: Artificial Sequence

242 <220> FEATURE:

244 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor

for

245 representational difference analysis

247 <400> SEQUENCE: 4

248 agcactctcc agcctctcac cgca

24

251 <210> SEQ ID NO: 5

253 <211> LENGTH: 12

255 <212> TYPE: DNA

257 <213> ORGANISM: Artificial Sequence

260 <220> FEATURE:

262 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor

for

263 representational difference analysis

266 <400> SEQUENCE: 5

267 gatctgttca tg

12

270 <210> SEQ ID NO: 6

272 <211> LENGTH: 24

274 <212> TYPE: DNA

276 <213> ORGANISM: Artificial Sequence

278 <220> FEATURE:

280 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor

for

281 representational difference analysis

283 <400> SEQUENCE: 6

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284 accgacgtcg actatccatg aaca                                24
287 <210> SEQ ID NO: 7
289 <211> LENGTH: 12
291 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
297 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor
for
298     representational difference analysis
301 <400> SEQUENCE: 7
302 gatcttcctt cg                                            12
305 <210> SEQ ID NO: 8
307 <211> LENGTH: 24
309 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide adaptor
for
316     representational difference analysis
318 <400> SEQUENCE: 8
319 aggcaactgt gctatccgag ggaa                                24

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VERIFICATION SUMMARY

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L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date